

# I-405/Northeast 85th Street Interchange and Inline BRT Station Project

## Project Overview

The proposed I-405, Northeast 85th Street Interchange and Inline Station Project (Project) is located within the City of Kirkland along Interstate 405 (I-405) between milepost (MP) 17.4 to MP 18.9. The Project proposes to replace the existing two-level cloverleaf interchange at NE 85th Street with a three-level interchange and construct local improvements along Northeast 85th Street and its intersection with 114th Avenue Northeast/Kirkland Way.

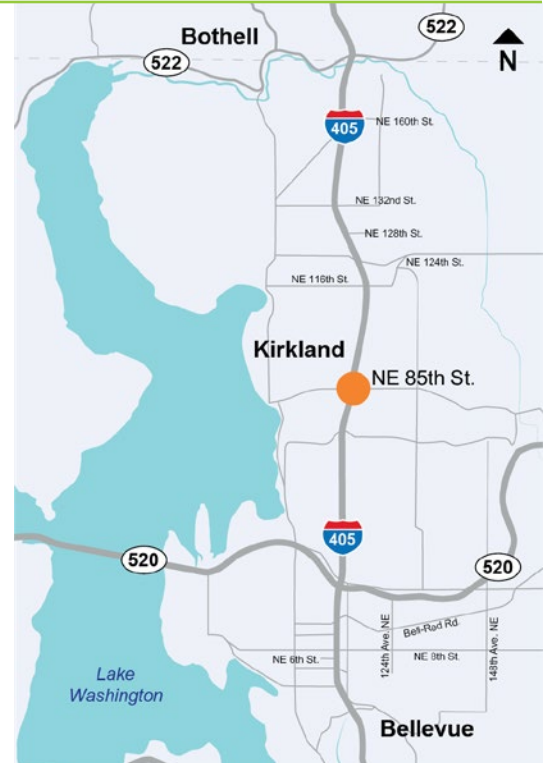
## Project Goals

- 1. Enhance multimodal access and connectivity** Provide multimodal access to the project vicinity by improving transit connectivity, enhancing nonmotorized mobility, and improving freeway operations. Provide system connectivity with new BRT station, ETL access and urban design features to encourage transit ridership and enhance rider and user experiences.
- 2. Manage project effectively** Deliver a successful project, through effective project and quality management, partnering, and risk management.
- 3. Minimize impacts** Develop and implement strategies that minimize impacts to the traveling public, the environment, multimodal transportation systems, communities, and businesses. Perform effective maintenance of traffic, design, construction staging, and timely project outreach.

## Procurement Schedule\*

Request for Qualifications (RFQ)	Q1 2022
Request for Proposal (RFP)	Q2 2022
Bid Opening/Apparent Best Value	Q3 2022
Construction Start	Q1 2023
Open to Traffic	Summer 2026
Substantial Completion	December 2026

\*Approximate and subject to change.



## Design-Build Contract Amount\*

\$200M-\$225M

## Key Personnel

- Project Manager
- Design Manager
- Construction Manager
- Inclusion Manager

The project will include the following MSVWBE voluntary participation goals:

- Minority Business Enterprise 10%
- Small Business 5%
- Veteran Business 5%
- Women Business Enterprise 6%

## More Information

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## Current Project Scope

### Major interchange work

- Replace an existing cloverleaf interchange at Northeast 85th Street with a new, three-level interchange with Northeast 85th local traffic at the bottom level, inline BRT station, nonmotorized facilities, ETL direct access ramps at the middle level, and I-405 freeway traffic at the top level.

### Multimodal access

- Provide an Inline BRT station and direct access ramps at the middle level of the new I-405 and Northeast 85th Street Interchange.
- Provide bike and pedestrian access in the project vicinity.
- Provide a passenger pick up and drop off location in the northwest quadrant of the interchange.

### Bridge and structure

- Construct multiple mainline roadway structures and eight bridges at Northeast 85th Street.

### Local roadway improvements

- Reconstruct the intersection of Northeast 85th Street and 114th Avenue Northeast/Kirkland Way into a roundabout and widen sidewalks in the vicinity.

### Environmental and other enhancements

- Replace existing culvert with fish passable correction under the I-405 mainline, north of Northeast 70th Street.
- Construct stormwater treatment facilities.
- Reconstruct flow-control and runoff treatment facilities to address increased impervious area and retrofit portions of the existing untreated paved area.

## Quantities

ITEMS	UNITS	APPROX. QUANTITY
<b>EARTHWORK</b>		
EXCAVATION	CY	350,000
COMMON BORROW	CY	25,000
<b>PAVEMENT</b>		
HMA PAVEMENT	TONS	80,000
SIDEWALKS	SF	55,000
<b>DRAINAGE</b>		
FLOW CONTROL	ACRE	22
STORMWATER TREATMENT	ACRE	14
<b>SPECIALTY ITEMS</b>		
RETAINING WALL (CUT)	SF	60,000
RETAINING WALL (FILL)	SF	15,000
NOISE WALLS	SF	10,000
CULVERTS FOR FISH PASSAGE	EA	1
<b>TRAFFIC ITEMS</b>		
SIGN STRUCTURES	EA	13
TOLL GANTRIES	EA	5
<b>STRUCTURES</b>		
NEW BRIDGES	EA	8

## Design Concept

